Most Frequently Occurring Classifications of Patents Returned
From A Search of 10620551 on April 03, 2006

Original Classifications
```
  8   381/94.3
  5   704/233
  4   379/406.01
  3   704/225
  3   704/226
  2   375/148
  2   379/406.05
  2   381/66
  2   381/92
```

Cross-Reference Classifications
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 13   704/226
  7   704/225
  4   379/406.01
  4   381/94.2
  4   381/94.3
  4   704/233
  3   375/285
  3   375/346
  3   379/406.05
  3   379/406.06
  3   379/406.07
  3   381/317
  3   455/296
  3   455/306
  2   370/286
  2   375/350
  2   379/388.02
  2   379/406.02
  2   379/406.03
  2   379/406.08
  2   379/406.09
  2   381/111
  2   381/320
  2   455/63.1
  2   704/200.1
  2   704/205
  2   704/228
```

Combined Classifications
```
 16   704/226
 12   381/94.3
 10   704/225
  9   704/233
  8   379/406.01
  5   379/406.05
  4   381/94.2
  3   375/148
  3   375/285
  3   375/346
  3   379/406.03
  3   379/406.06
  3   379/406.07
  3   381/317
  3   381/66
  3   455/296
  3   455/306
  3   455/63.1
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3	704/228
2	370/286
2	375/350
2	379/388.02
2	379/406.02
2	379/406.04
2	379/406.08
2	379/406.09
2	381/111
2	381/320
2	381/92
2	381/94.1
2	455/570
2	704/200.1
2	704/205
2	704/219
2	704/224
2	704/227

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10620551 on April 03, 2006

16 704/226   (3 OR, 13 XR)
          Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                            LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                            COMPRESSION/DECOMPRESSION
          704/200   SPEECH SIGNAL PROCESSING
          704/201   .For storage or transmission
          704/226   ..Noise

12 381/94.3   (8 OR, 4 XR)
          Class   381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
          381/94.1   NOISE OR DISTORTION SUPPRESSION
          381/94.2   .Spectral adjustment
          381/94.3   ..In multiple frequency bands

10 704/225   (3 OR, 7 XR)
          Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                            LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                            COMPRESSION/DECOMPRESSION
          704/200   SPEECH SIGNAL PROCESSING
          704/201   .For storage or transmission
          704/225   ..Gain control

 9 704/233   (5 OR, 4 XR)
          Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                            LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                            COMPRESSION/DECOMPRESSION
          704/200   SPEECH SIGNAL PROCESSING
          704/231   .Recognition
          704/233   ..Detect speech in noise

 8 379/406.01   (4 OR, 4 XR)
          Class   379 : TELEPHONIC COMMUNICATIONS
          379/406.01   ECHO CANCELLATION OR SUPPRESSION

 5 379/406.05   (2 OR, 3 XR)
          Class   379 : TELEPHONIC COMMUNICATIONS
          379/406.01   ECHO CANCELLATION OR SUPPRESSION
          379/406.05   .Residual echo cancellation

 4 381/94.2   (0 OR, 4 XR)
          Class   381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
          381/94.1   NOISE OR DISTORTION SUPPRESSION
          381/94.2   .Spectral adjustment

 3 375/148   (2 OR, 1 XR)
          Class   375 : PULSE OR DIGITAL COMMUNICATIONS
          375/130   SPREAD SPECTRUM
          375/140   .Direct sequence
          375/147   ..Receiver
          375/148   ...Multi-receiver or interference cancellation

 3 375/285   (0 OR, 3 XR)
          Class   375 : PULSE OR DIGITAL COMMUNICATIONS
          375/259   SYSTEMS USING ALTERNATING OR PULSATING CURRENT

          375/285   .Antinoise or distortion

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3  375/346        (0 OR, 3 XR)
       Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
       375/316          RECEIVERS
       375/346          .Interference or noise reduction

3  379/406.03     (1 OR, 2 XR)
       Class   379 :  TELEPHONIC COMMUNICATIONS
       379/406.01       ECHO CANCELLATION OR SUPPRESSION
       379/406.02       .Combined diverse function
       379/406.03       ..Additional signal enhancement (e.g., voice
                            processing or recognition)

3  379/406.06     (0 OR, 3 XR)
       Class   379 :  TELEPHONIC COMMUNICATIONS
       379/406.01       ECHO CANCELLATION OR SUPPRESSION
       379/406.06       .Using digital signal processing

3  379/406.07     (0 OR, 3 XR)
       Class   379 :  TELEPHONIC COMMUNICATIONS
       379/406.01       ECHO CANCELLATION OR SUPPRESSION
       379/406.06       .Using digital signal processing
       379/406.07       ..Using attenuator

3  381/317        (0 OR, 3 XR)
       Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
       381/312          HEARING AIDS, ELECTRICAL
       381/317          .Noise compensation circuit

3  381/66         (2 OR, 1 XR)
       Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
       381/66           DEREVERBERATORS

3  455/296        (0 OR, 3 XR)
       Class   455 :  TELECOMMUNICATIONS
       455/130          RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                            CONVERTER
       455/296          .Noise or interference elimination

3  455/306        (0 OR, 3 XR)
       Class   455 :  TELECOMMUNICATIONS
       455/130          RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                            CONVERTER
       455/296          .Noise or interference elimination
       455/303          ..Using plural separate signal paths
       455/305          ...With balancing or neutralizing
       455/306          ....Filter in at least one path

3  455/63.1       (1 OR, 2 XR)
       Class   455 :  TELECOMMUNICATIONS
       455/39           TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

       455/63.1         .Distortion, noise, or other interference
                            prevention, reduction, or compensation

3  704/228        (1 OR, 2 XR)
       Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                            LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                            COMPRESSION/DECOMPRESSION
       704/200          SPEECH SIGNAL PROCESSING
       704/201          .For storage or transmission
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        704/226      ..Noise
        704/228      ...Post-transmission

2  370/286       (0 OR, 2 XR)
        Class   370 :  MULTIPLEX COMMUNICATIONS
        370/276         DUPLEX
        370/282         .Transmit/receive interaction control
        370/286         ..Echo suppression or cancellation

2  375/350       (0 OR, 2 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/316         RECEIVERS
        375/346         .Interference or noise reduction
        375/350         ..By filtering (e.g., digital)

2  379/388.02    (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/387.01      SUBSTATION OR TERMINAL CIRCUITRY
        379/388.01      .For loudspeaking terminal
        379/388.02      ..Speakerphone with build-in microphone

2  379/406.02    (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/406.01      ECHO CANCELLATION OR SUPPRESSION
        379/406.02      .Combined diverse function

2  379/406.04    (1 OR, 1 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/406.01      ECHO CANCELLATION OR SUPPRESSION
        379/406.04      .Disable or inhibit function

2  379/406.08    (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/406.01      ECHO CANCELLATION OR SUPPRESSION
        379/406.06      .Using digital signal processing
        379/406.08      ..Adaptive filtering

2  379/406.09    (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/406.01      ECHO CANCELLATION OR SUPPRESSION
        379/406.06      .Using digital signal processing
        379/406.08      ..Adaptive filtering
        379/406.09      ...Least mean squares (LMS) algorithm  .

2  381/111        (0 OR, 2 XR)
        Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
        381/111         CIRCUITRY COMBINED WITH SPECIFIC TYPE
                            MICROPHONE OR LOUDSPEAKER

2  381/320        (0 OR, 2 XR)
        Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
        381/312         HEARING AIDS, ELECTRICAL
        381/320         .Spectral control

2  381/92         (2 OR, 0 XR)
        Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                            AND DEVICES
        381/92          DIRECTIVE CIRCUITS FOR MICROPHONES

2  381/94.1       (1 OR, 1 XR)
        Class   381 :  ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
```

AND DEVICES
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        381/94.1      NOISE OR DISTORTION SUPPRESSION
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2 455/570   (1 OR, 1 XR)
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        Class   455 :  TELECOMMUNICATIONS
        455/73        TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
                          TRANSCEIVER)
        455/550.1     .Radiotelephone equipment detail
        455/569.1     ..Hands-free or loudspeaking arrangement
        455/570       ...Noise suppression or echo cancellation
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2 704/200.1   (0 OR, 2 XR)
```
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200       SPEECH SIGNAL PROCESSING
        704/200.1     .Psychoacoustic
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2 704/205   (0 OR, 2 XR)
```
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200       SPEECH SIGNAL PROCESSING
        704/201       .For storage or transmission
        704/205       ..Frequency
```

2 704/219   (1 OR, 1 XR)
```
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200       SPEECH SIGNAL PROCESSING
        704/201       .For storage or transmission
        704/219       ..Linear prediction
```

2 704/224   (1 OR, 1 XR)
```
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200       SPEECH SIGNAL PROCESSING
        704/201       .For storage or transmission
        704/224       ..Normalizing
```

2 704/227   (1 OR, 1 XR)
```
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200       SPEECH SIGNAL PROCESSING
        704/201       .For storage or transmission
        704/226       ..Noise
        704/227       ...Pretransmission
```